## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (page 1)

As a below named inventor, I hereby declare that:

| My residence, pos | t office address and | citizenship are as s | tated below next | to my name; |
|-------------------|----------------------|----------------------|------------------|-------------|
|-------------------|----------------------|----------------------|------------------|-------------|

| l believe   | I am the original, first and sole inventor (if or  | nly one name is listed below) or an o  | riginal, first and joint inventor (if plural  |  |  |
|---|--|--|---|--|--|
|   | below) of the subject matter which is claim  |  | t on the invention entitled OPTICAL   |  |  |
| ELEMENT A   | AND MANUFACTURING METHO  | UD THEREFUR  | 2001 as United States Application No.   |  |  |
|   | onal Application No. 09/934,947  | vas med on Adydoc 22,  | as office states apprecation its.   |  |  |
|   | d on (if applicable).  |  |   |  |  |
|   |  |  |   |  |  |
| I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.   |  |  |   |  |  |
| I acknow  | vledge the duty to disclose information which  | is material to patentability as define                                       | d in 37 CFR §1.56.  |  |  |
| certificate, or §3<br>and have also ide   | claim foreign priority benefits under 35 U.S<br>65(a) of any PCT international application ventified below any foreign application for pate<br>e application on which priority is claimed: | which designates at least one countr   | y other than the United States, listed below international application having a filing date   |  |  |
| Country   | Application No.  | Filed (Day / Mo. / Yr.)  | ( Yes / No )<br><u>Priority Claimed</u>   |  |  |
|   | 234254/2001(Pat.)  | 27/June/2001   | Yes   |  |  |
| Japan<br>Japan  | 244970/2001(Pat.)  | 06/July/2001   | Yes   |  |  |
| oapan   | 2445,0,2001(144.)  | 0070000770000  | •   |  |  |
| prior United Sta<br>to disclose infor   | tes or PCT international application in the ma   | anner provided by the first paragrapl<br>lefined in 37 C.F.R. §1.56 which be | ns of this application is not disclosed in the n of 35 U.S.C. §112, I acknowledge the duty came available between the filing date of the Status  (Patented, Pending, Abandoned) |  |  |
| I hereby appoint the practitioners associated with the firm and Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to the address associated with that Customer Number:  MORGAN & FINNEGAN, L.L.P.  Customer Number: 27123 |  |  |   |  |  |
|   |  |  | •   |  |  |
| belief are belief<br>made are punis   | ved to be true; and further that these statem  | ents were made with the knowledge<br>er Section 1001 of Title 18 of the U    | that all statements made on information and<br>that willful false statements and the like so<br>inited States Code and that such willful false                                  |  |  |
|   | Sole or First Inventor Yasuyuki  |  |   |  |  |
| Inventor's sig  | ilatule  | U  |   |  |  |
| Date  | October 25, 2001   | Citizen/Subject of _   | Japan   |  |  |
| Residence _   | Tochigi, Japan   |  |   |  |  |
| Post Office Address CANON KABUSHIKI KAISHA  |  |  |   |  |  |
|   | 3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan   |  |   |  |  |
|   |  |  |   |  |  |

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

(page 2)

| Full Name of Second Joint Inventor Seiji Takeu | chi                        |  |  |  |  |  |  |
|--|----------------------------|--|--|--|--|--|--|
| Inventor's signature Sey Taksenchi             |                            |  |  |  |  |  |  |
| Date October 15,4001                           | Citizen/Subject of Japan . |  |  |  |  |  |  |
| Residence Tochigi, Japan                       |                            |  |  |  |  |  |  |
| Post Office Address CANON KABUSHIKI KAISHA     |                            |  |  |  |  |  |  |
| 3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan     |                            |  |  |  |  |  |  |
|  |                            |  |  |  |  |  |  |
| Full Name of Third Joint Inventor              |                            |  |  |  |  |  |  |
| Inventor's signature                           |                            |  |  |  |  |  |  |
| Date   | Citizen/Subject of         |  |  |  |  |  |  |
| Residence                                      |                            |  |  |  |  |  |  |
| Post Office Address                            |                            |  |  |  |  |  |  |
|  |                            |  |  |  |  |  |  |
|  |                            |  |  |  |  |  |  |
| Full Name of Fourth Joint Inventor             |                            |  |  |  |  |  |  |
| Inventor's signature                           |                            |  |  |  |  |  |  |
| Date   | Citizen/Subject of         |  |  |  |  |  |  |
| Residence                                      |                            |  |  |  |  |  |  |
| Post Office Address                            |                            |  |  |  |  |  |  |
|  |                            |  |  |  |  |  |  |
|  |                            |  |  |  |  |  |  |
| Full Name of Fifth Joint Inventor              | *                          |  |  |  |  |  |  |
|  |                            |  |  |  |  |  |  |
|  | Citizen/Subject of         |  |  |  |  |  |  |
| Residence                                      |                            |  |  |  |  |  |  |
| Post Office Address                            |                            |  |  |  |  |  |  |
|  | •                          |  |  |  |  |  |  |
| Full Name of Sixth Joint Inventor              |                            |  |  |  |  |  |  |
| Inventor's signature                           |                            |  |  |  |  |  |  |
| Date /   | Citizen/Subject of         |  |  |  |  |  |  |
| Residence                                      |                            |  |  |  |  |  |  |
| Post Office Address                            |                            |  |  |  |  |  |  |

JOINT
(AFTER APPLICATION FILED)

## ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Yasuyuki Unno and Seiji Takeuchi

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA

a corporation of JAPAN

having a place of business at

3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to

## OPTICAL DEVICE AND MANUFACTURING METHOD THEREFOR

and described in an application for Letters Patent of the United States filed by us on August 22, 2001 and which has been accorded Application No. 09/934, 947

and in and to said application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such continues as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right or priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or cral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right or priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby convenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby convenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all continuing and reissue applications, make all highlial oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

| ,      | Yosayak. Unns                | Date: | October 25, 2001 |
|--------|------------------------------|-------|------------------|
| Yas    | uyuki Unno                   | Duto  | •                |
| By:Sei | Suj Takenchi<br>iji Takeuchi | Date: | October 25, 2001 |
| Зу:    |                              | Date: | -                |
| Еу:    |                              | Date: |                  |
| Ву:    |                              | Daie: |                  |